

# On the value of SmartGrids for power systems

**Webcast Type:**

Keynote

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**Status:**

Free for Everyone

**Duration:**

28minutes

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Mon, 10/17/2011

**Lennart Söder**

Professor of Electric Power Systems at the Royal Institute of Technology, KTH, Stockholm, Sweden

Lennart Söder will talk about power system operation of today and future challenges with much larger amounts of variable power sources. One solution to these challenges is more communication, more control and more demand side management, but there are also other solutions. It can though be expected that much more intelligence will be present in the future power system since the cost decreases and the demand increases.

**Biography :** Lennart Söder is a Professor of Electric Power Systems at the Royal Institute of Technology, KTH, Stockholm, Sweden, since 1999. KTH is responsible for the project “Smart Power” within the InnoEnergy consortium. Currently, he is the head of the Division of Electric Power Systems. His research interests include smart grids, distribution systems, power system planning, integration of wind power, deregulated electricity market, HVDC, power system control, distributed generation and power system reliability.

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